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Substitute for form 1449/PTO				Application Number	10/573,123
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	11/13/2006
<i>(Use as many sheets as necessary)</i>				First Named Inventor	Simon Anthony Brown
				Art Unit	n/a
				Examiner Name	n/a
Sheet	1	of	2	Attorney Docket Number	
0074-537949					

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/AS/		S.M. SZE, "Semiconductor Devices - Physics and Technology," pp. 428-451, Wiley, New York, 1985	
/AS/		T. HAATAINEN et al., "Pattern Transfer using Step&Stamp Imprint Lithography," <i>Physica Scripta</i> , 2003	
/AS/		M. COLBURN et al., "Step and Flash Imprint Lithography: A New Approach to High-Resolution Patterning," <i>Proc. SPIE</i> , Vol. 3676, 1999	
/AS/		D-Y KHANG et al., "Room-temperature imprint lithography by solvent vapor treatment," <i>Appl. Phys. Letters</i> , Vol. 76, No. 7, 2000	
/AS/		M. LI et al., "Direct three-dimensional patterning using nanoimprint lithography," <i>Appl. Phys. Letters</i> , Vol. 78, No. 21, 2001	
/AS/		G.M. FRANCIS et al., "Diffusion controlled growth of metallic nanoclusters at selected surface sites," <i>J. Appl. Phys.</i> , Vol. 79, No. 6, 1996	
/AS/		W.A. DE HEER, "The physics of simple metal clusters: experimental aspects and simple models," <i>Rev. of Mod. Phys.</i> , Vol. 65, No. 3, 1993	
/AS/		I.M. GOLDBY et al., "Diffusion and aggregation of size-selected silver clusters on a graphite surface," <i>Appl. Phys. Lett.</i> , Vol. 69, No. 19, 1996	
/AS/		S.J. TANS et al., "Room-temperature transistor based on a single carbon nanotube," <i>Nature</i> , Vol. 393, 1998	
/AS/		H.D. CHOPRA et al., "Ballistic magnetoresistance over 3000% in Ni nanocontacts at room temperature," <i>Phys. Rev.</i> , Vol. B 66, 2002	

Examiner Signature	/Ankush Singal/	Date Considered	07/24/2007
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/AS/		C.Z. LI et al., "Molecular detection based on conductance quantization of nanowires," Appl. Phys. Letters, Vol. 76, No. 10, 2000	
		I.M. GOLDBY et al., "Gas condensation source for production and deposition of size-selected metal clusters," Rev. Sci. Instrum., Vol. 68, No. 9, 1997	
		H. ISHIKURO et al., "Fabrication of Nano-Scale Point Contact Metal-Oxide-Semiconductor for Field-Effect-Transistors Using Micrometer-Scale Design Rule," Jpn.J.Appl.Phys., 1999	
		B. VON ISSENDORFF et al., "A new high transmission infinite range mass selector for cluster and nanoparticle beams," Rev. Sci. Instrum., Vol. 70, No. 12, 1999	
		B. HALL, "An installation for the study of unsupported ultrafine particles by electron diffraction, with application to silver: observation of multiply twinned particle	
		structures," Ecole Polytechnique Federale de Lausanne, Switzerland, 1991	
		J. SCHMELZER et al., "Finite-Size Effects in the Conductivity of Cluster Assembled Nanostructures," Phys. Rev. Letters, Vol. 88, No. 22, 2002	
		T. MULLER et al., "Template-directed self-assembly of buried nanowires and the pearling of instability," Mat. Sci. and Eng., C 19, 2002	
↓		J.G. PARTRIDGE et al., "Templated cluster assembly for production of metallic nanowires in passivated silicon V-grooves," Micro. Eng., 2004	
/AS/		T. TADA et al., "Channel waveguides fabricated in 2D photonic crystals of Si nanopillars," Micro. Eng., 2002	

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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)			
/AS/		WO 2004/069735	08/19/2004	Nanocluster Devices Ltd.	
/AS/		PCT/NZ02/00160	02/27/2003	Canterprise Limited	

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